

Title (en)  
FLAME-RETARDANT NYLON COMPOSITE MATERIAL AND APPLICATION THEREOF

Title (de)  
FLAMMHEMMENDES NYLONVERBUNDMATERIAL UND SEINE VERWENDUNG

Title (fr)  
MATÉRIAU COMPOSITE DE NYLON IGNIFUGE ET APPLICATION ASSOCIÉE

Publication  
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Application  
**EP 19901740 A 20191128**

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Abstract (en)  
The present invention discloses a flame-retardant nylon composite and use thereof, including components: 55 parts to 80 parts of a nylon resin; 1 part to 30 parts of a red phosphorus; and 0.01 part to 2 parts of a phenolic substance. According to the present invention, by adding a small amount of the phenolic substance to the red phosphorus flame-retardant nylon composite, phosphorus precipitation can be effectively inhibited, and a phosphine precipitation amount can be reduced to 30 ppm or less, while good electrical performances can be maintained, which is applicable in fields of connectors, contactors, etc. in electronic appliances.

IPC 8 full level  
**C08L 77/06** (2006.01); **C08K 3/02** (2006.01); **C08K 7/14** (2006.01); **C08K 13/04** (2006.01)

CPC (source: EP US)  
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C-Set (source: EP)  
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